

## Project #15-1169, Illabot Cr Alluvial Fan Restoration Phase 2b

Current Status: Application Submitted

### Project Details

**Primary Sponsor:** Skagit River System Cooperative

**Primary Contact:** Devin Smith  
(360) 391-1984  
dsmith@skagitcoop.org

**Funding Program:** Salmon State Projects

**Lead Entity:** Skagit Watershed Council Lead Entity

**Project Type:** Restoration

### Project Description

The goal of this project is to restore natural processes and improve habitat conditions on the alluvial fan of Illabot Creek by addressing impacts from the dikes and roadway. The first phase of the project was completed in 2013 with SRF Board funds (project #11-1542), and included removing approximately 1,150 linear feet of dike, installing log jams, and constructing pilot channels downstream of Rockport-Cascade Road. Partial funding has been received for Phase 2 (14-2170) and the funding request described here is to complete funding for Phase 2. Phase 2 will involve completing final designs, constructing two new 100-foot span bridges on Rockport-Cascade Road, removing an additional 850 linear feet of dike, installing log jams, and actively reconnecting Illabot Creek with historic channels on the floodplain and alluvial fan. The existing bridge will be left in place, and when the project is completed any one of the three bridges could convey all or a portion of the flow from Illabot Creek. The project will initially direct flow through constructed pilot channels and the two new bridges, and then over time will allow the natural processes of erosion, deposition, and channel development to occur across the alluvial fan. This is expected to substantially increase spawning and rearing habitat for Chinook salmon, steelhead trout, and other species.

### Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
<b>Completion Date</b>	
Projected date of completion	12/1/2017
<b>Sponsor Match: Monetary Funding</b>	
Amount of other monetary funding (A.12)	\$459,275.00
Project identifier for the other monetary funding (A.12.b)	N/A
Source of other monetary funding (A.12.a)	SCL NCC funds and other sources
<b>Sponsor Match: Donated Un-paid Labor (volunteers)</b>	
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	\$0.00
Source of Donated Un-paid labor contributions (A.13.a.4)	N/A
<b>Sponsor Match: Donated Paid Labor</b>	
Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	N/A
<b>Sponsor Match: Other In-kind Contributions</b>	
Value of Other In-Kind Contributions (A.13.c.1)	\$0.00
Source of Other In-Kind Contributions (A.13.c.3)	N/A
Description of other In-Kind contributions (A.13.c.2)	N/A

### Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	\$2,602,500	85.00 %		Appropriation \ Cash	\$459,275
Sponsor Match	\$459,275	15.00 %	15%		
Total Project Funding	\$3,061,775	100.00 %			
<b>Project Cost Summary</b>		<b>Project %</b>	<b>Admin/A&amp;E %</b>	<b>Maximum for Selected Program</b>	
<b>RESTORATION COSTS</b>					
Restoration	\$2,922,275				
A&E	\$139,500		4.77 %		\$876,683 (30%)
Subtotal	\$3,061,775	100.00 %			
<b>Total Cost Estimate</b>	<b>\$3,061,775</b>	<b>100.00 %</b>			

### Worksites and Properties

**County:** Skagit

**Legislative Districts 2012:** 39

**Congressional Districts 2012:** 01

**Salmon Recovery Regions:** Puget Sound  
**DNR Watershed Units (WAU):** Illabot  
**4th Field Catalog Units (HUC):** Upper Skagit  
**WRIA:** Upper Skagit  
**Sections:** 34  
**Township:** T35NR10E  
**Coordinates:** 48.47987954  
 -121.49908653

## Worksite #1: Illabot Creek

**Coordinates from Mapped Point:** **Latitude:** 48.47987954 **Longitude:** -121.49908653  
**Coordinates from Worksite:** **Latitude:** **Longitude:**  
**Directions:**

**Worksite Description:** Illabot Creek at, and upstream of, the Rockport-Cascade Road crossing. Removing dikes, installing two new bridges, constructing pilot channels, installing log jams.

**Site Access Directions:** From Rockport, drive south on Hwy 530 approximately 1.6 miles. Turn east onto the Rockport-Cascade Road and drive approximately 4.2 miles to the bridge crossing for Illabot Creek.

**Worksite Address:**

## Restoration Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Puget Sound ESU, Chum Salmon-Puget Sound/Strait of Georgia ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Steelhead/Trout-unidentified DPS	
Targeted species (non-ESU species)	Bull Trout	
Miles Of Stream Treated/Protected (C.0.b)	0.30	
Project Identified In a Plan or Watershed Assessment (C.0.c)	SRSC and WDFW. 2005. Skagit Chinook Recovery Plan. La Conner, WA.	
Type Of Monitoring (C.0.d.1)	None	
Monitoring Location (C.0.d.2)	No monitoring completed	
<b>Instream Habitat Project</b>		
Total Miles Of Instream Habitat Treated (C.4.b)	0.30	
<b>Channel reconfiguration and connectivity (C.4.c.1)</b>		
Total cost for Channel reconfiguration and connectivity		\$2,324,775.00
Type of change to channel configuration and connectivity (C.4.c.2)	Channel Bed Restored, Creation/Connection to Off-Channel Habitat, Levee removal/Alteration	
Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)	0.30	
Miles of Off-Channel Stream Created (C.4.c.4)	0.34	
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	10.7	
Instream Pools Created/Added (C.4.c.6)	0	
<b>Channel structure placement (C.4.d.1)</b>		
Total cost for Channel structure placement		\$597,500.00
Material Used For Channel Structure (C.4.d.2)	Flood Fencing, Logs Fastened Together (Logjam), Rocks/Boulders (Unanchored), Weirs	
Miles of Stream Treated for channel structure placement (C.4.d.3)	0.34	
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	0.3	
Pools Created through channel structure placement (C.4.d.5)	15	
Yards Of Average Stream-Width At Mid-Point Of Worksite (C.4.d.6)	30	
Number of structures placed in channel (C.4.d.7)	12	
<b>Architectural &amp; Engineering</b>		
<b>Architectural &amp; Engineering (A&amp;E)</b>		
Total cost for Architectural & Engineering (A&E)		\$139,500.00

## Restoration Questions

- 1 of 6** **Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.**  
 No, During Phase I construction, a cultural resource assessment was completed for the worksite downstream (north) of the Rockport-Cascade Road at the request of the Upper Skagit Indian Tribe. No historic properties or protected cultural resources were encountered. An older logged stump with cable was found, and avoided during project activities at the recommendation of the assessment. The worksite was not investigated upstream (south) of the Rockport-Cascade Road, which is the Phase II construction footprint.
- 2 of 6** **What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill?**  
 The site is a currently diked and straightened section of Illabot Creek. Historically, the entire site was managed for forestry. Currently, the site is partly owned by

a small private forest landowner (Ryan Tree Farm) who maintains the property for forestry purposes. The other portion of the site is owned by Seattle City Light and maintained for conservation purposes, and Skagit County owns and maintains Rockport-Cascade Road.

- 3 of 6** Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.  
No
- 4 of 6** Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project? This includes hand or mechanized tools, for example: shovel, auger, pick axe, backhoe, etc. Also include specific information including length, width, and depth of the ground disturbance that will be required for all proposed work, if known. Please avoid subjective phrases such as "ground disturbing activities will be minor".  
This project will involved extensive earth moving with heavy equipment to remove dikes and rip-rap, install log structures, excavate pilot channels, and remove roadway and install two new bridges. Approximately 4.7 acres will be disturbed during pilot channel excavation, dike removal, and bridge installation activities.
- 5 of 6** Give street address for this worksite if available.  
Rockport-Cascade Road at the Illabot Creek crossing.
- 6 of 6** Are there any structures existing on the property (including tidegates, dikes, etc.)? If so, please list all existing structures. Indicate if any of these structures will be altered or demolished as a result of the project, and provide the following information for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each of the proposed altered structures.  
Yes, The dikes upstream of the current Illabot bridge crossing were installed during the early 1970's when the current bridge was installed.

## Property for Illabot Creek Worksite #1: Ryan Tree Farm, LLC

**Activity:** Restoration

**Landowner**  
Ryan Tree Farm, LLC  
3541 NE 89th St  
Seattle, WA 98115

**Control and Tenure**  
**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years (10 years)  
**Expiration Date:**  
**Note:**

**Landowner Type:** Private

## Property for Illabot Creek Worksite #1: Seattle City Light

**Activity:** Restoration

**Landowner**  
Seattle City Light  
PO Box 34023  
Seattle, WA 98104

**Control and Tenure**  
**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years (10 years)  
**Expiration Date:**  
**Note:**

**Landowner Type:** Local Government

## Property for Illabot Creek Worksite #1: Skagit County

**Activity:** Restoration

**Landowner**  
Skagit County  
1800 Continental Pl  
Mount Vernon, WA 98273

**Control and Tenure**  
**Instrument Type:** Landowner Agreement  
**Purchase Type:**  
**Term Length:** Fixed # of years (10 years)  
**Expiration Date:**  
**Note:**

**Landowner Type:** Local Government

## Overall Project Questions

- 1 of 5** Is any part of the scope of work included in this application required as mitigation for another project or action? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, etc. If yes, explain:  
No
- 2 of 5** Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.  
No
- 3 of 5** Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. ([www.dnr.wa.gov/Publications/aqr\\_land\\_manager\\_map.pdf](http://www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf))  
No
- 4 of 5** For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.  
The funds are from Seattle City Light's NCC program.
- 5 of 5** Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.  
Donated materials consist of large woody debris and large rock.

# Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Archeological & Cultural Resources (EO 05-05)				
Clear & Grade Permit				
Forest Practices Application [Forest & Fish]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
Shoreline Permit				
Water Quality Certification [Section 401]				

## Permit Questions

- 1 of 2 **If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.**  
Unknown, We will determine what is needed for permitting once we complete the design work.
- 2 of 2 **Are you planning on using the federal permit streamlining process (Limit 8, [www.rco.wa.gov/documents/fact\\_sheets/Permit\\_Streamlining\\_fact\\_sheet.pdf](http://www.rco.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf))?**  
Yes

# Project Attachments

**Required Attachments**      5 out of 5 done

Cost Estimate	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Map: Restoration Worksite	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

## Photos

Attachment Type	Title	Attach Date
Cost Estimate	Illabot_cost_estimate_2015.xlsx	04/06/2015
Map: Restoration Worksite	Illabot_Maps_worksite.pdf	04/06/2015
Photo	planebed_photo.jpg	04/06/2015
Salmon Project Proposal	LECC-Questions.docx	06/16/2015
Salmon Project Proposal	2015 Illabot_proposal_phase2b_revised.docx	06/02/2015
Salmon Project Proposal	Illabot_Proposal_Phase2SRFB_final.docx	04/06/2015

# Application Status

**Application Due Date:** 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/13/2015	Devin Smith	
Preapplication	03/25/2015		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Devin Smith, 08/13/2015)